

LANCASTER COUNTY
CIVIL ENGINEER III

NATURE OF WORK

This is responsible professional civil engineering work in the development, construction and maintenance of civil engineering projects.

Work involves the responsibility of planning, assigning and supervising a sectional engineering operation including road design and construction; bridge design and construction; and related engineering projects. Work requires the use of independent judgment, initiative, and professional knowledge and involves responsibility for making technical decisions on engineering problems. Work is performed under general supervision with work being reviewed through reports, inspection of projects, and evaluation of accomplishments. Supervision may be exercised over a moderate sized staff of professional and sub-professional subordinates.

EXAMPLES OF WORK PERFORMED

May serve as engineer in charge on major construction projects; plans, assigns, and supervises the work of an office engineering section involved in road or bridge design and construction.

Supervises the preparation of final plans and specifications for road and/or bridge construction projects; designs or checks plans and supervises the work of subordinates in the preparation of plans and estimates for road and bridge construction projects.

Prepares estimates of costs and materials on a variety of complex engineering construction projects; reviews plans and specifications and recommends alterations as deemed necessary.

Supervises inspectors engaged in reviewing construction work performed by contractors; prepares and checks payment estimates, change orders, notices of completion, and final reports; prepares material and construction reports.

Performs related work as required.

DESIRABLE KNOWLEDGES, ABILITIES, AND SKILLS

Thorough knowledge of the principles and practices of professional civil engineering as they relate to the preparation of plans and specifications for a variety of engineering projects.

Thorough knowledge of land and engineering survey systems, methods, and techniques.

Thorough knowledge of construction materials, maintenance procedures and of approved safety standards as related to structural design and specifications.

Ability to plan, assign, and supervise professional and sub-professional subordinates.

Ability to adapt approved engineering methods and safety standards to the design and construction of road and bridge construction projects.

Ability to establish and maintain effective working relationships with governmental officials, associates, subordinates and the general public.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from an accredited four year college or university with major course work in civil engineering plus considerable experience in progressively responsible professional civil engineering work and with experience in a supervisory capacity.

MINIMUM QUALIFICATIONS

Registration as a professional engineer with the State of Nebraska at time of appointment.

3/77

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